

Advanced Metering Infrastructure (AMI) Project Timeline

2008

2008 Application to Increase Water Rates (3280-WR-110)

PSC REF#: 106073 (http://psc.wi.gov/apps35/ERF_view/viewdoc.aspx?docid=106073):

- December 22, 2008 order of the PSC.
- On page 6, the PSC orders the Utility to file a plan for more frequent billing in its next rate case application, indicating that “the Commission believes that more frequent billing is necessary to send the appropriate price signal to enhance the impact of any conservation rate structure.” Also, point 7 on page 8 expressly orders this filing.

2009

4/28/2009 [AMI White Paper presented to Water Utility Board](#)

2009 Application to Increase Water Rates (3280-WR-111)

10/31/2009 **PSC REF#: 122702**

(http://psc.wi.gov/apps35/ERF_view/viewdoc.aspx?docid=122702):

October 31, 2009 filing by the Utility with the PSC, updating Ken Key's April 2009 white paper with an October 2009 timeline, setting forth the basis and plan for the AMI project.

12/8/2009 **PSC REF#: 124323**

(http://psc.wi.gov/apps35/ERF_view/viewdoc.aspx?docid=124323) and pages 14-22 of PSC REF#: 124825

(http://psc.wi.gov/apps35/ERF_view/viewdoc.aspx?docid=124825):

- December 8, 2009 public hearing direct testimony of Jeffrey Ripp, the Water Conservation Coordinator with the PSC, in 2009 rate case.
- He discusses the Utility's plan for conversion to monthly billing and the implementation plan and schedule for AMI (page 9 of 124323 and page 22 of 124825)

12/22/2009 **PSC REF#: 125143**

(http://psc.wi.gov/apps35/ERF_view/viewdoc.aspx?docid=125143):

December 22, 2009 order of the PSC in the 2009 rate case. On page 9, point 7, the PSC orders:

“Madison Water Utility shall proceed with its Advanced Metering Infrastructure (AMI) project as outlined in the AMI and Monthly Billing Plan (PSC REF#: 122702).”

Advanced Metering Infrastructure (AMI) Project Timeline

2010

[Resolution authorizing the Mayor and City Clerk to sign a contract with Clark Dietz Inc. not to exceed \\$180,317 for consulting services for the procurement of an Advanced Metering Infrastructure \(AMI\) Plan.](#)

Date	Action By	Action
3/16/2010	COMMON COUNCIL	Referred
3/22/2010	BOARD OF ESTIMATES	Return to Lead with the Recommendation for Approval
3/23/2010	WATER UTILITY BOARD	RECOMMEND TO COUNCIL TO ADOPT - REPORT OF OFFICER
4/13/2010	COMMON COUNCIL	Adopt
4/27/2010	<u>Drinking Water Quality Annual Report</u> sent to all Madison residents. First page introduces the AMI project.	
5/26/2010	<u>Press Release Issued: Madison Water Utility to Upgrade System for Monthly Billing</u>	
8/24/2010	<u>AMI Status Update Presentation to Water Utility Board</u> <u>Water Utility Board Resolution supporting the inclusion of funding for Advanced Metering Infrastructure in the Madison Water Utility 2011 Capital Budget</u>	
11/3/2010	<u>Presentation of AMI Business Case to Common Council</u>	
11/12/2010	<u>CAPITAL BUDGET AMENDMENT # 16 - Water Utility / No. 18 - Advanced Metering Infrastructure, p. 143</u>	

Advanced Metering Infrastructure (AMI) Project Timeline

2011

3/8/2011 [Press Release Issued: Water Utility Requests Vendor Proposals for Meter System Upgrade](#)

2010 Application to Increase Water Rates (3280-WR-111)

Originally filed 10/9/2010

3/9/2011 **PSC REF#: 145692**
(http://psc.wi.gov/apps35/ERF_view/viewdoc.aspx?docid=145692):
AMI Request for Proposals issued by Madison Water Utility and filed with PSC on March 9, 2011, discussing project details and proposed schedule

PSC REF#: 145691
(http://psc.wi.gov/apps35/ERF_view/viewdoc.aspx?docid=145691):
Madison Water Utility's Response to Clean Wisconsin's First Set of Discovery Demands, filed with PSC on March 9, 2011. AMI plan and implementation discussed on pages 5-6 and 10-14

5/3/2011 **PSC REF#: 147911**
(http://psc.wi.gov/apps35/ERF_view/viewdoc.aspx?docid=147911):

- May 3, 2011 order of the PSC in the 2010 rate case. On page 4, the AMI installation timeline and transition to monthly billing is discussed.
- PSC ordered, on page 8 at point 7, that "The Madison Water Utility shall continue with its Advanced Metering Infrastructure (AMI) project as outlined in the AMI and Monthly Billing Plan (PSC REF#: 122702) and in the Request for Proposals – Advanced Metering Infrastructure System (PSC REF#: 146692)."

7/12/2011 **Water Utility Board receives an advisory titled [Conservation on the East Side of Madison](#) from the Citizen Advisory Panel (CAP) for the East Side Water Supply Project.**

On page 1, it states, "We strongly support the leadership shown by the staff of the Water Utility and the Board to undertake the installation of an advanced metering infrastructure (AMI) that will allow for the issuance of monthly utility bills..."

Advanced Metering Infrastructure (AMI) Project Timeline

Resolution authorizing the Mayor and City Clerk to sign contracts with Itron, Inc and NorthStar Utilities Solutions (a division of N. Harris Computer Corporation) not to exceed \$11,935,500 for the purchase, implementation, and maintenance of an Advanced Metering Infrastructure (AMI) system for the Madison Water Utility (City-wide).

Date	Action By	Action
11/1/2011	COMMON COUNCIL	Referred
11/22/2011	WATER UTILITY BOARD	RECOMMEND TO COUNCIL TO ADOPT - REPORT OF OFFICER
12/5/2011	BOARD OF ESTIMATES	Return to Lead with the Recommendation for Approval
12/13/2011	COMMON COUNCIL	Adopt

2012

2/16/2012 Press Release Issued: Madison Water Utility Launches Project H2O

Resolution authorizing the City to enter into letter(s) of understanding and/or license agreement(s) with Wisconsin Power and Light Company and Madison Gas and Electric Company for placement of communications equipment on utility poles for the Madison Water Utility's remote water meter reading system and authorizing indemnification as needed.

Date	Action By	Action
5/15/2012	COMMON COUNCIL	Referred
5/21/2012	BOARD OF ESTIMATES	Return to Lead with the Recommendation for Approval
5/22/2012	WATER UTILITY BOARD	RECOMMEND TO COUNCIL TO ADOPT - REPORT OF OFFICER
6/19/2012	COMMON COUNCIL	Adopt

Repealing and recreating Section 13.06, creating Section 13.065, and amending Section 1.08(3)(a) of the Madison General Ordinances regarding water meter access requirements, the maintenance of water meter pits, and establishing new bond schedules for these violations.

Date	Action By	Action
5/15/2012	COMMON COUNCIL	Referred
5/22/2012	WATER UTILITY BOARD	Referred to 6/26/2012 WATER UTILITY BOARD meeting
6/26/2012	WATER UTILITY BOARD	Referred to the 7/24/2012 WATER UTILITY BOARD meeting
7/24/2012	WATER UTILITY BOARD	Referred to Water Utility staff

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6/19/2012	Presentation to Common Council and question and answer session- <u>Status Update: Project H2O Meter Upgrade Project - Robin Piper, Madison Water Utility</u>
7/10/2012	<u>Special Water Utility Board meeting to discuss installation and opt-out options for customer water meter upgrades for Project H2O</u>
8/30/2012	<u>Press Release Issued: Project H2O Informational Open Houses Set for Three Dates in September</u>
9/6/2012	Project H2O Open House Olbrich Gardens, 333 Atwood Avenue
9/12/2012	Project H2O Open House Water Utility Administrative Office, 119 East Olin Avenue
9/18/2012	Meeting with lead petitioner (Delores Kester), Atty. Michael Christopher, Larry Kauffman, and Denise Schmidt to discuss draft opt-out policy.
9/21/2012	<u>Press Release Issued: Public Hearing Set for Monday On Opt-Out Policy for Upgraded Water Meters</u>
9/24/2012	Public Hearing before Water Utility staff on Draft Opt-Out Policy <u>Public Hearing Registration Statements and Comments</u>
9/27/2012	Project H2O Open House Alicia Ashman Public Library, 733 N. High Point Road

[Resolution authorizing the submission of Madison Water Utility's smart meter opt-out policy to the Public Service Commission of Wisconsin.](#)

Date	Action By	Action
7/17/2012	COMMON COUNCIL	Referred
7/24/2012	WATER UTILITY BOARD	Referred to Water Utility Staff
9/25/2012	WATER UTILITY BOARD	Referred to WATER UTILITY BOARD
9/27/2012	WATER UTILITY BOARD	Recommend to Council to Adopt with Amendment(s)
10/2/2012	COMMON COUNCIL	Adopt